## Claims

- 1. A therapeutic agent for treating an inflammatory bowel disease comprising as an active ingredient at least one polypeptide belonging to a thioredoxin superfamily.
- 2. The therapeutic agent according to Claim 1 for treating an inflammatory bowel disease,

the inflammatory bowel disease being ulcerative colitis or Crohn's disease.

- 3. The therapeutic agent according to Claim 1, wherein the at least one polypeptide belonging to the thioredoxin superfamily is human thioredoxin.
  - 4. A method for treating the inflammatory bowel disease,
- the inflammatory bowel disease being ulcerative colitis or Crohn's disease,

the method comprising administering an effective amount of polypeptide belonging to a thioredoxin superfamily to a patient in need of the inflammatory bowel disease treatment.

5. The method according to Claim 5 comprising administering 1-100 mg of thioredoxin per kg body weight of an human adult.

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